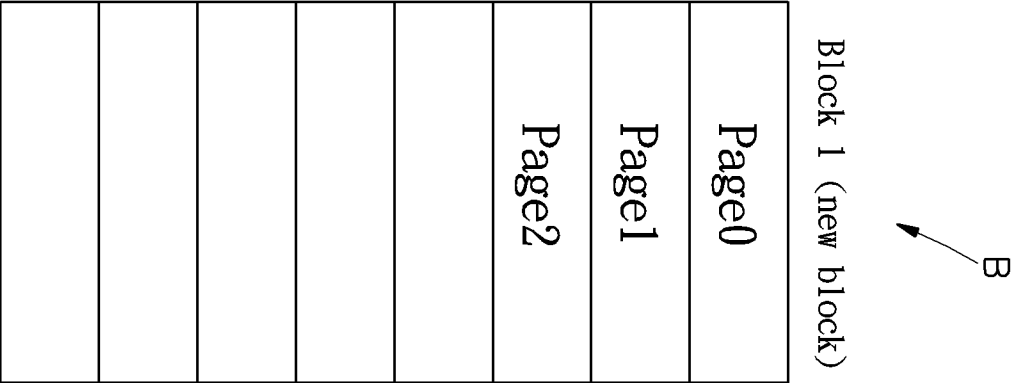
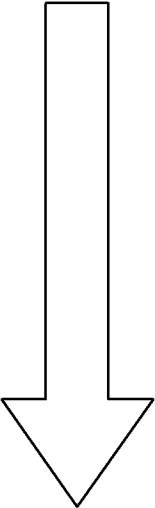
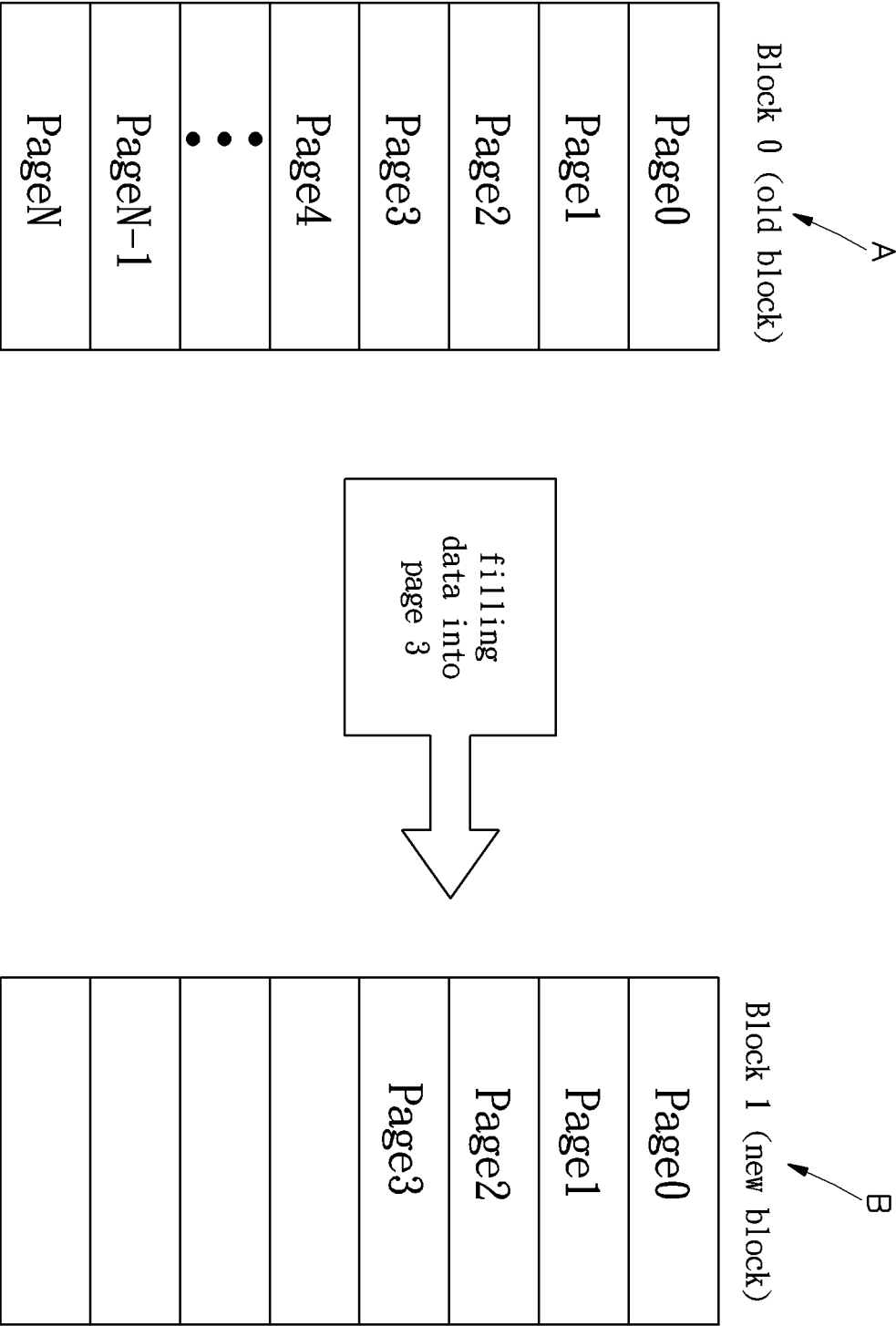


*PRIOR ART*  
*FIG. 1*

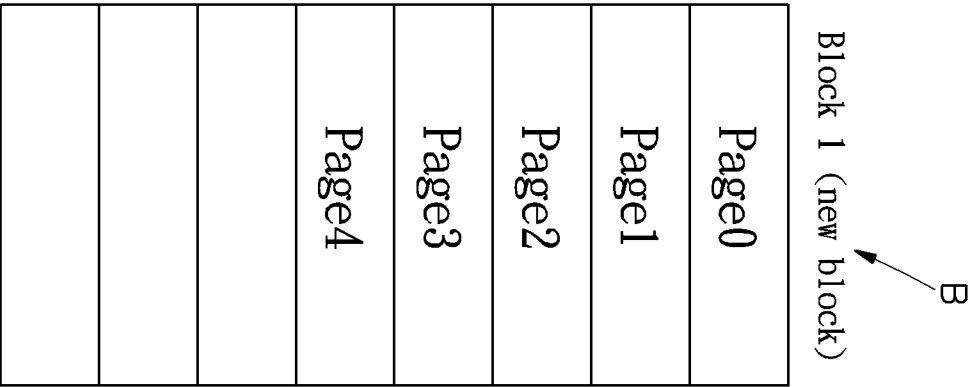
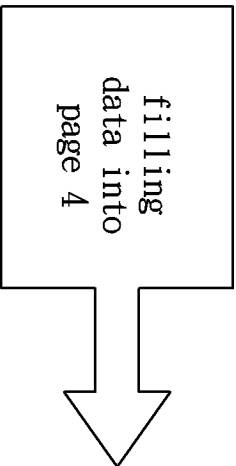
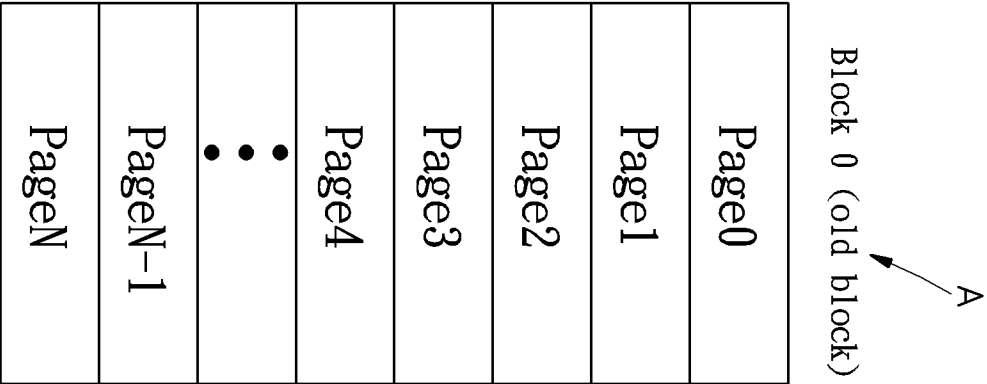


locating a new block, then  
 moving the pages above page 3  
 from the old block to the new  
 block.

*PRIOR ART*  
*FIG. 2*

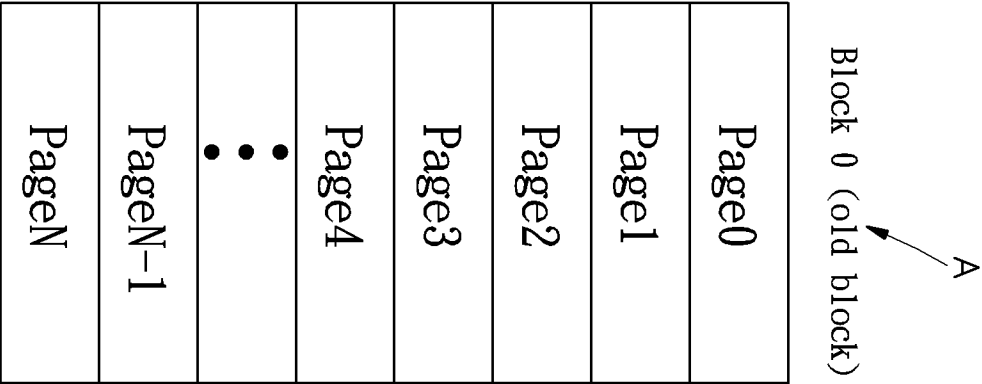


*PRIOR ART*  
*FIG. 3*

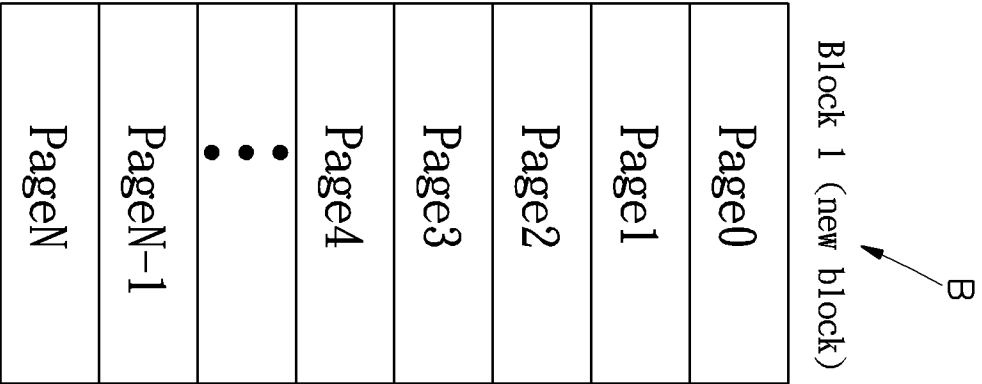
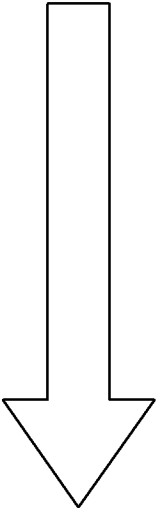


PRIOR ART

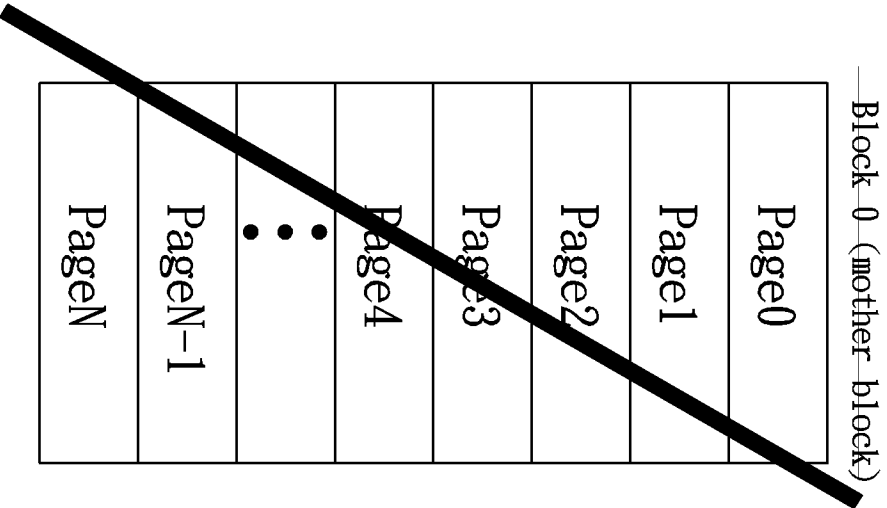
FIG. 4



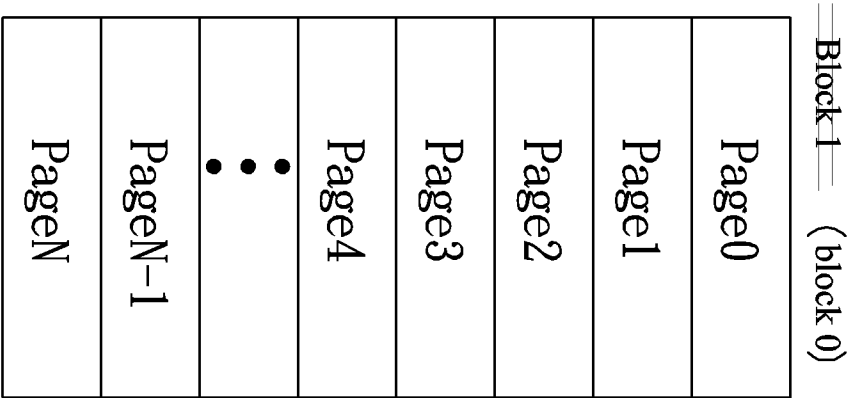
moving pages below page 4  
from the old block to the  
new block



*PRIOR ART*  
*FIG. 5*



erasing the old block and  
replacing the block 0 by the  
new block.



*PRIOR ART*  
*FIG. 6*

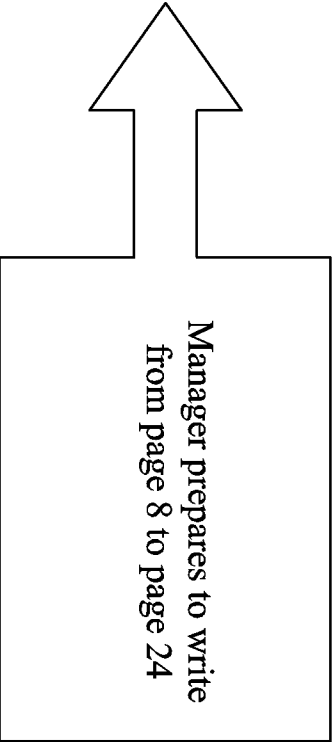
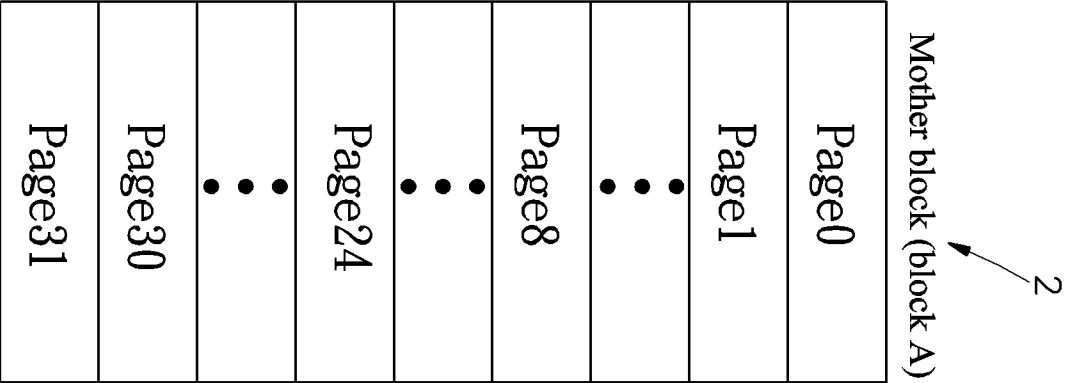
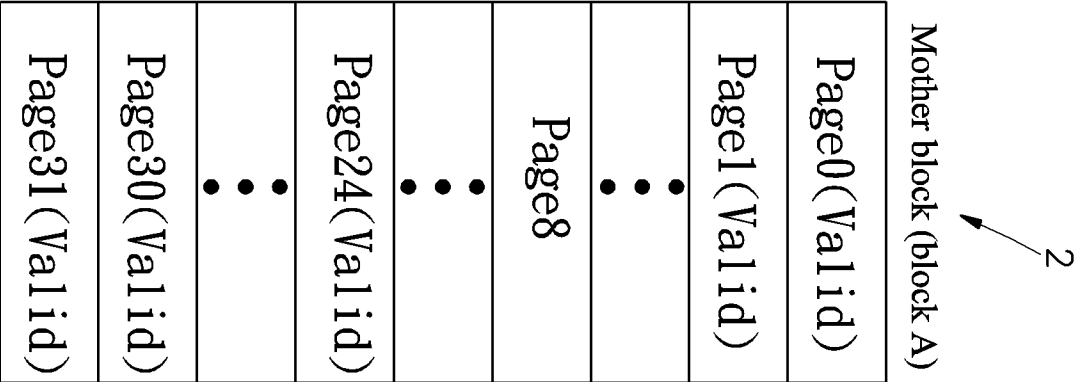


FIG. 7



Locating a new block and  
writing page 8 into new block  
to invalid original page 8 of  
the mother block

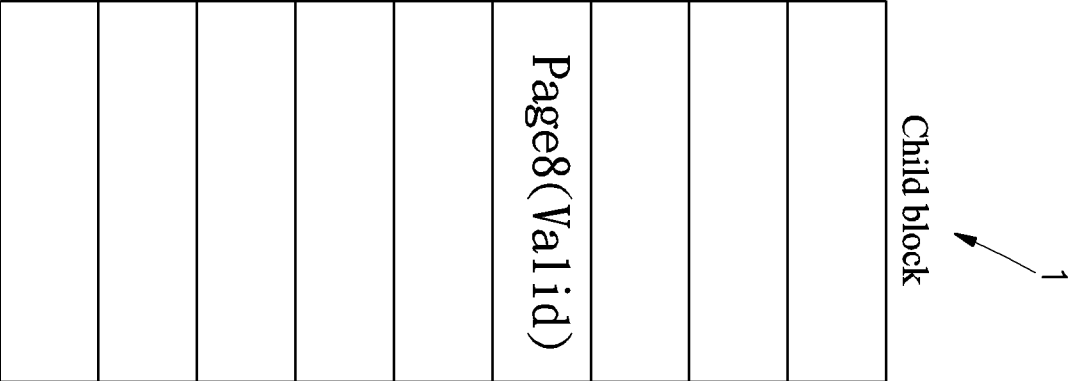


FIG. 8



2 ↗

Mother block (block A)

Page0(Valid)
Page1(Valid)
• • •
Page8
Page9
• • •
Page24
• • •
Page30(Valid)
Page31(Valid)

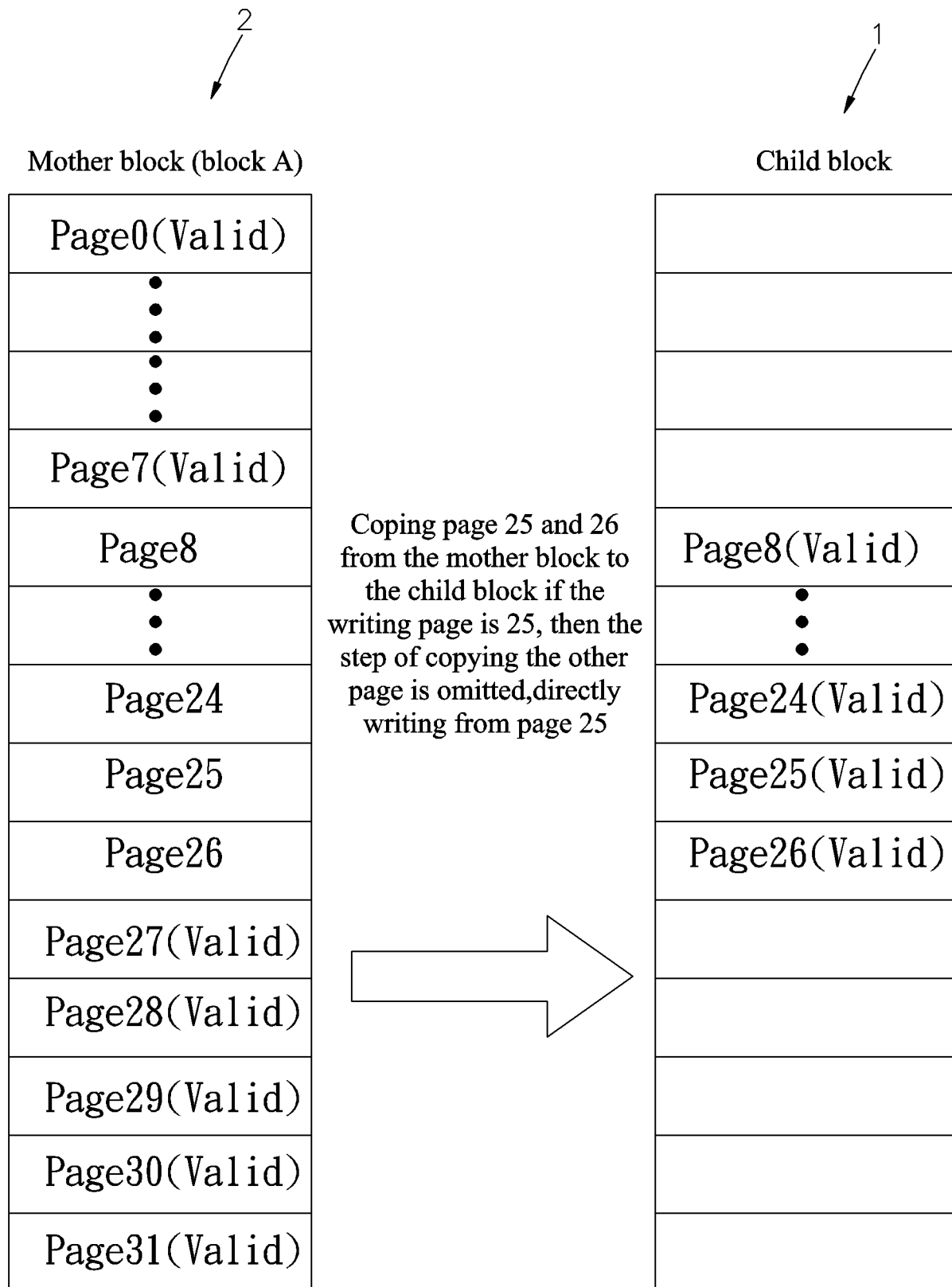
1 ↗

Child block

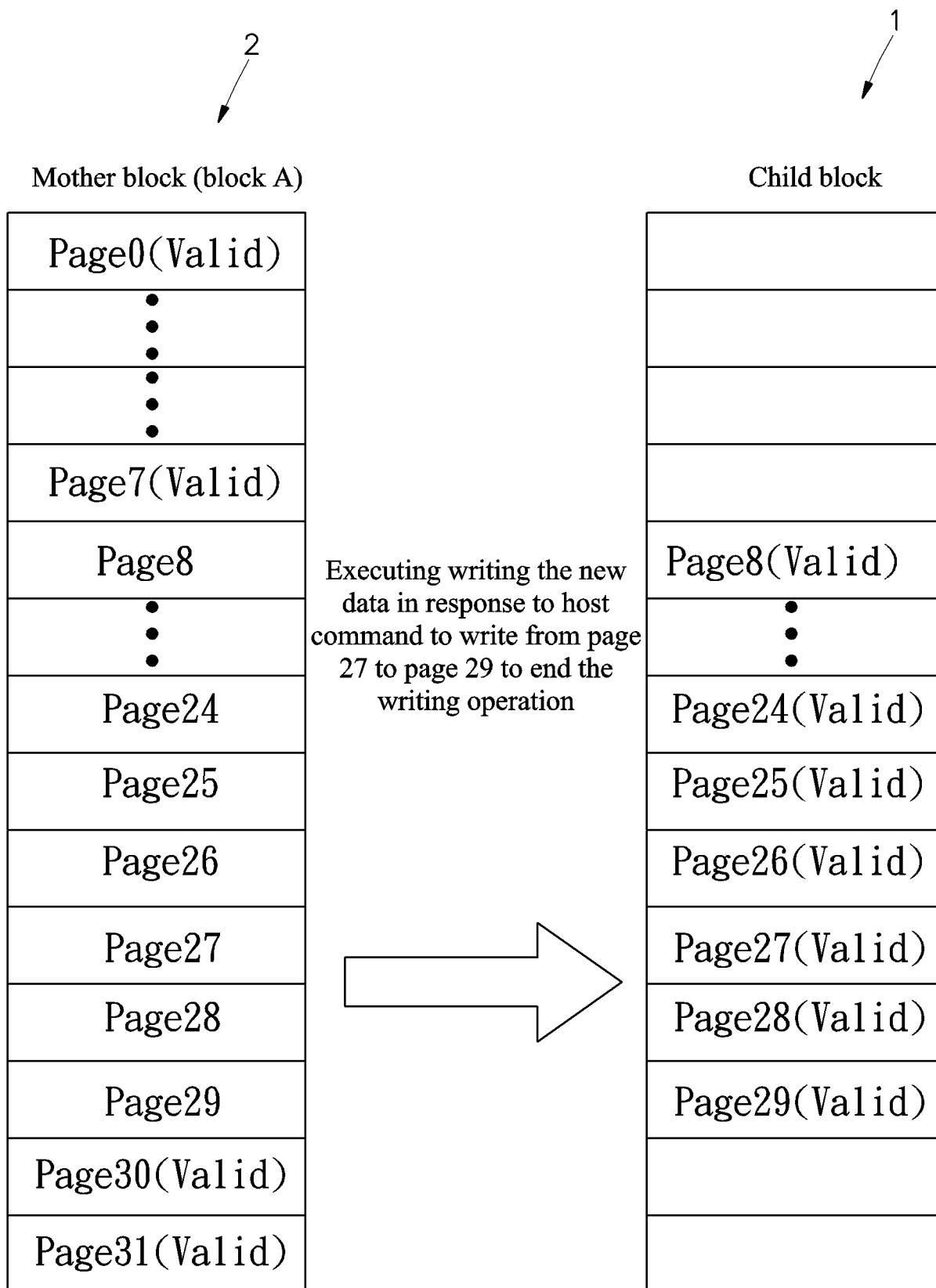
Page8(Valid)
Page9(Valid)
• • •
Page24(Valid)

Executing writing in an orderly manner until proceeding to write to page 24

FIG. 9



*FIG. 10*



*FIG. 11*



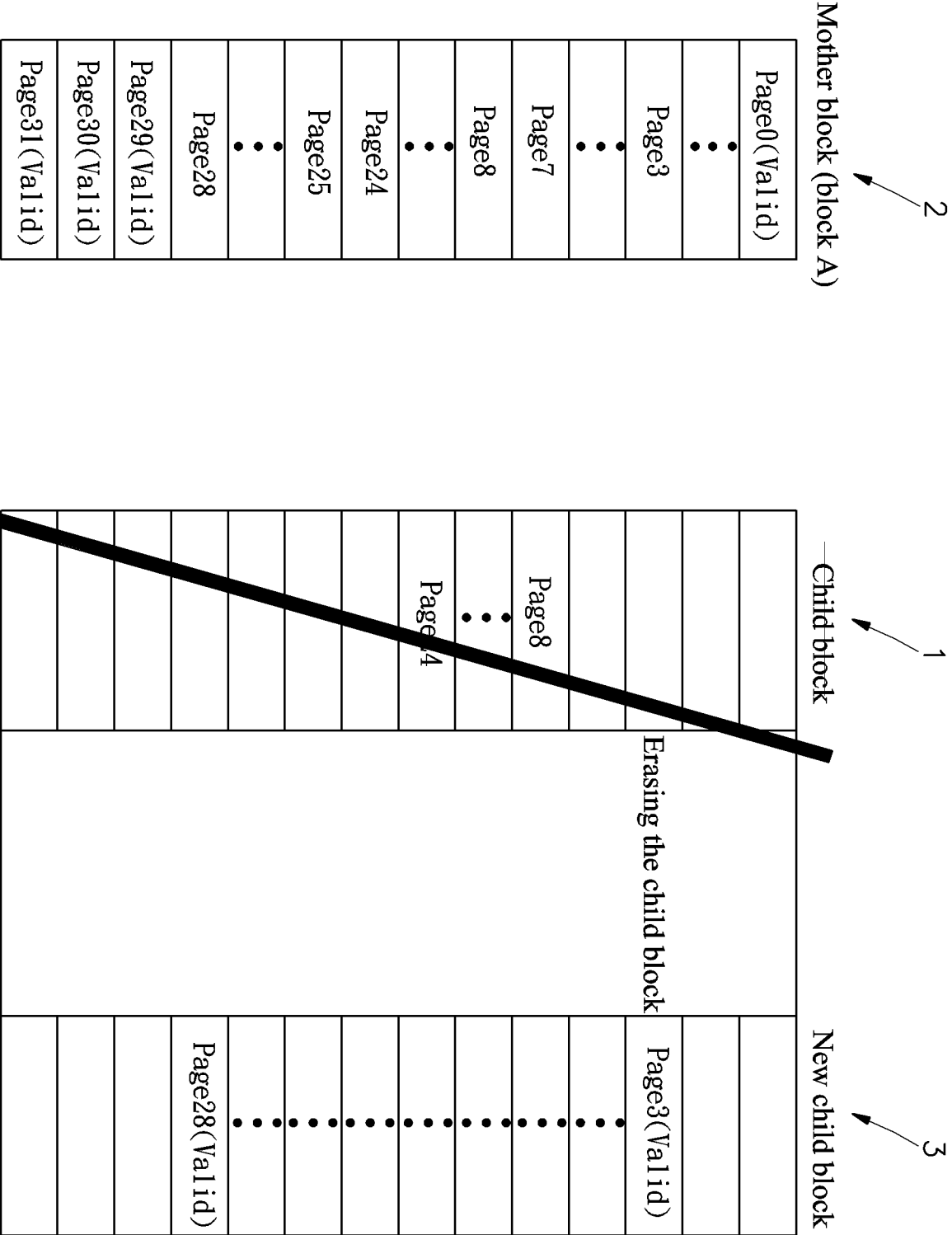


FIG. 13

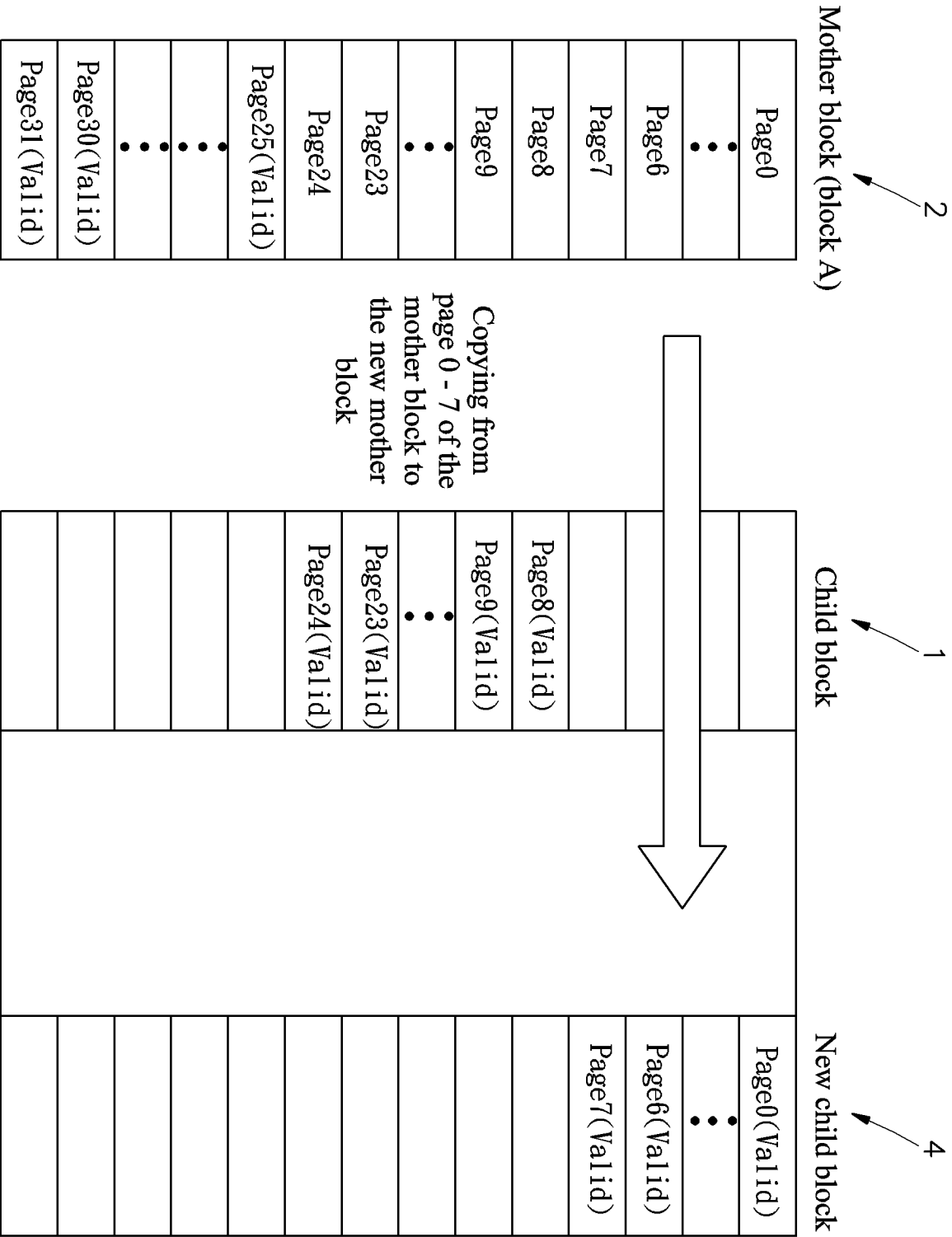


FIG. 14

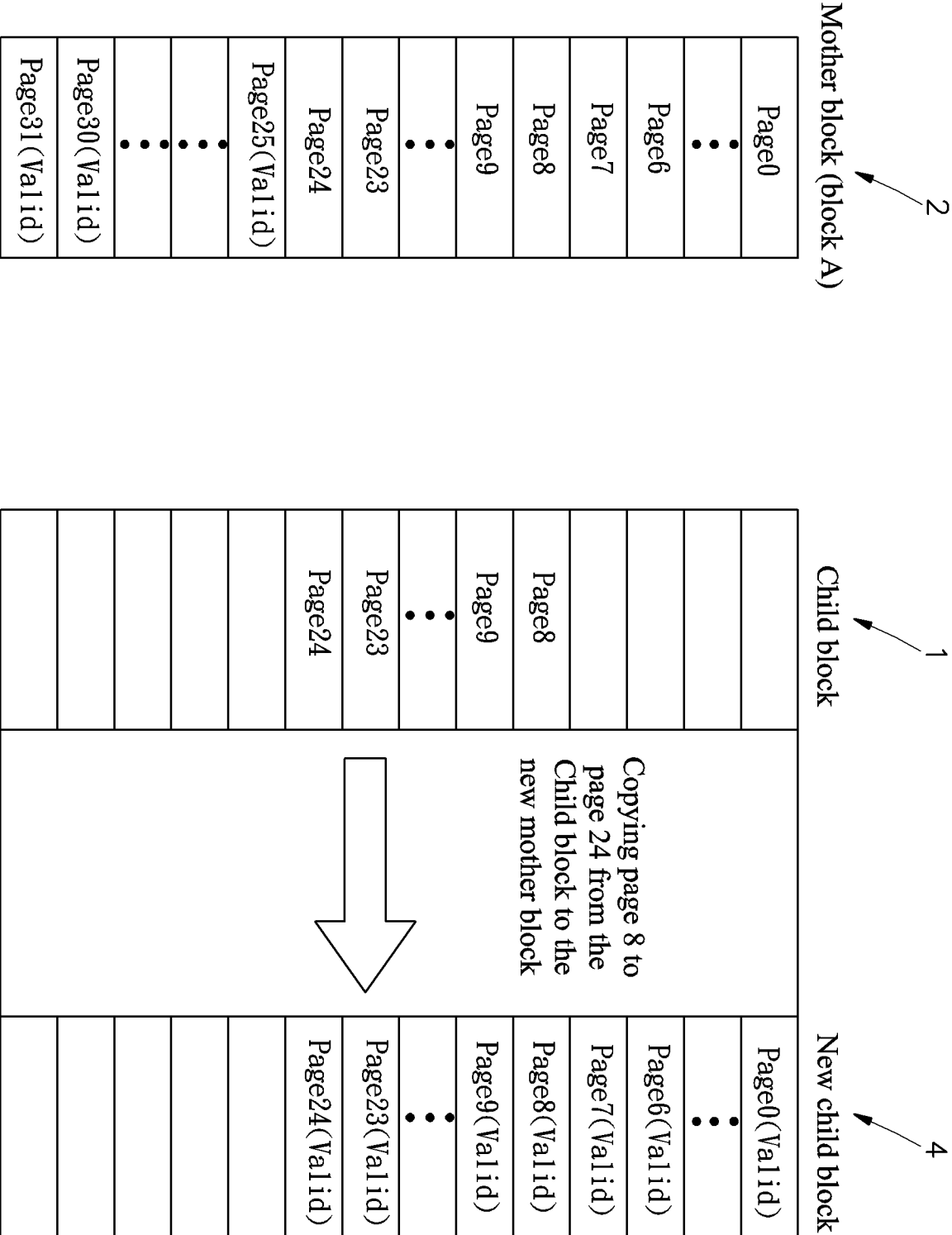


FIG. 15

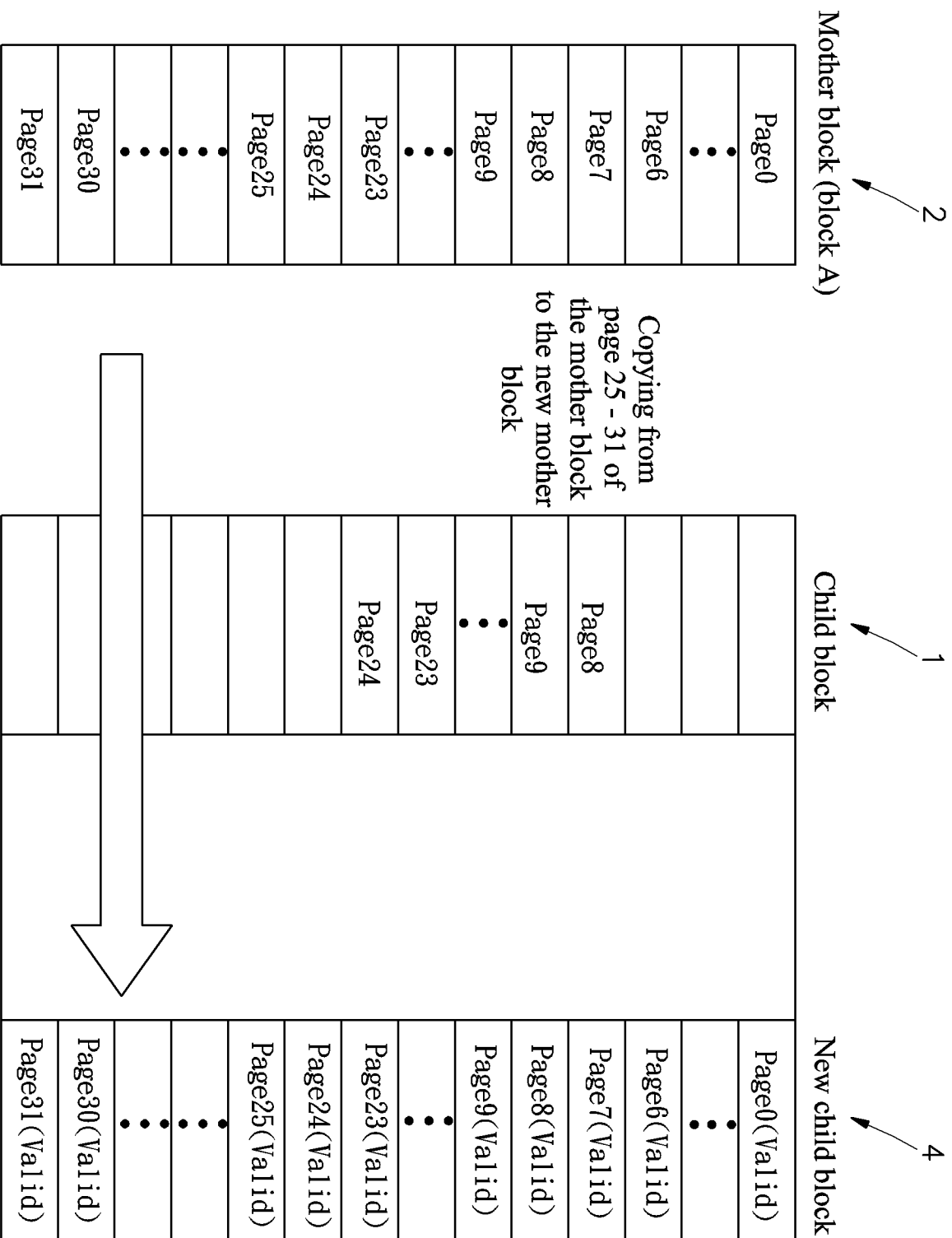
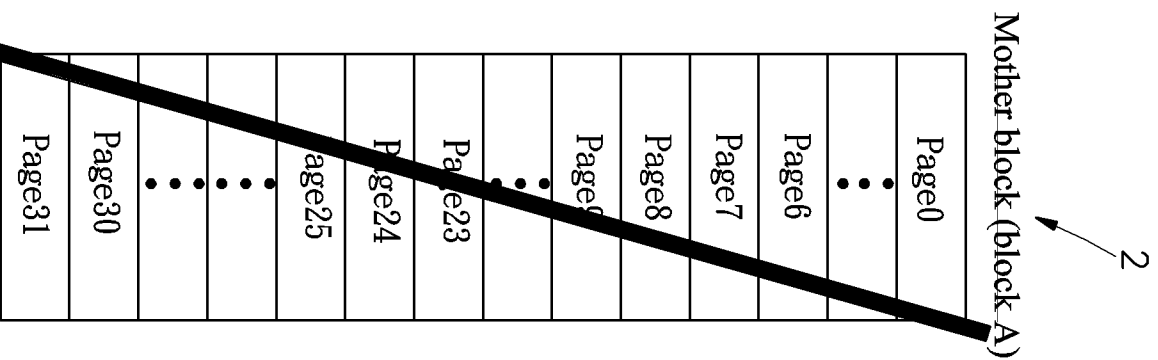


FIG. 16





Erasing the  
mother block  
and the child  
block

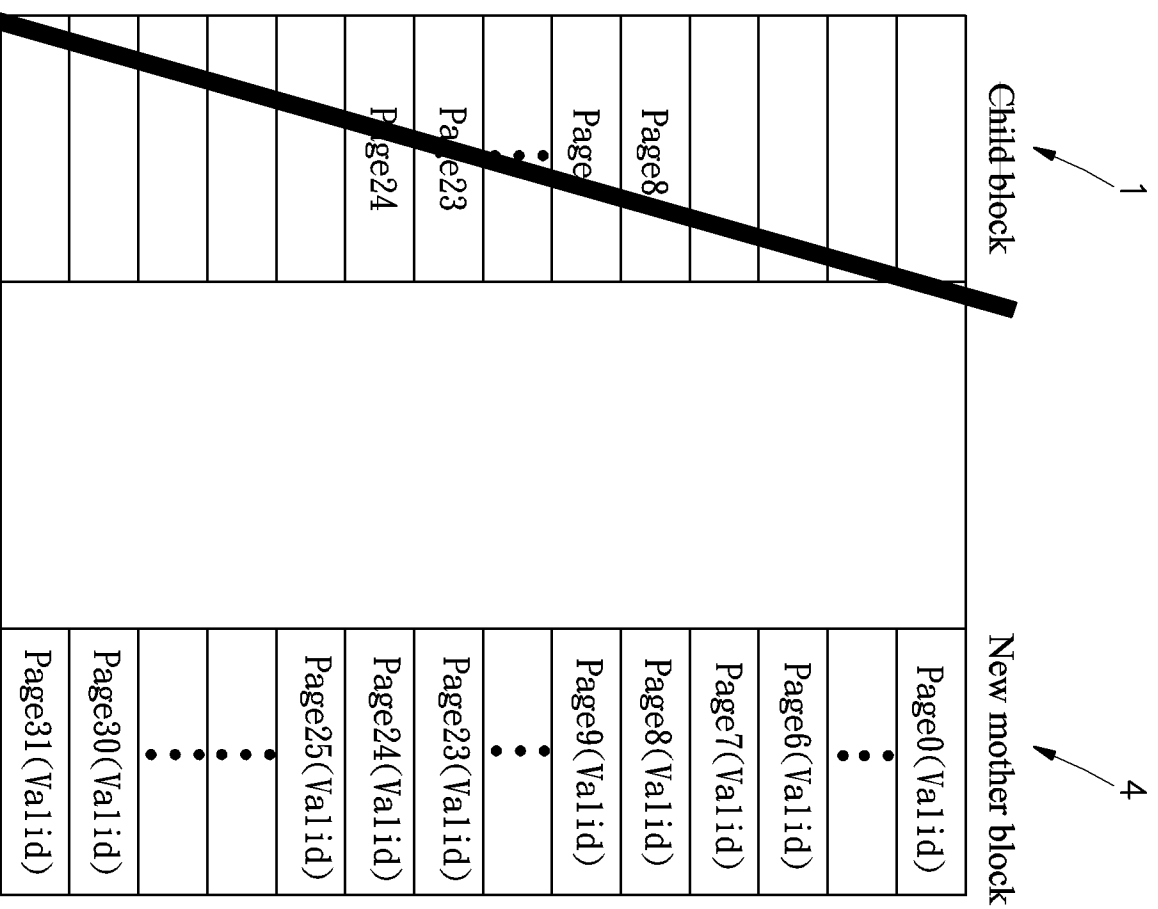
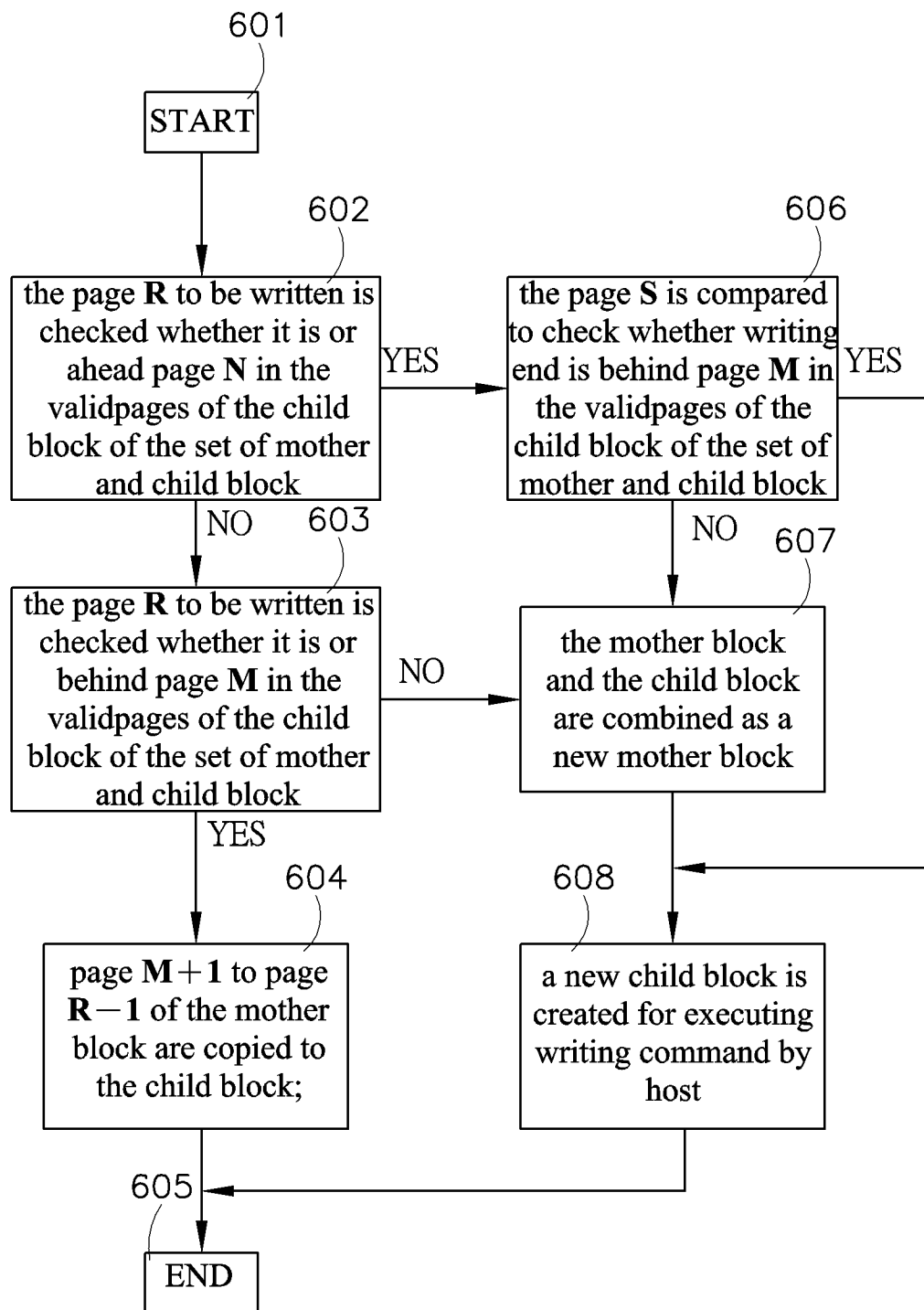


FIG. 17



*FIG. 18*

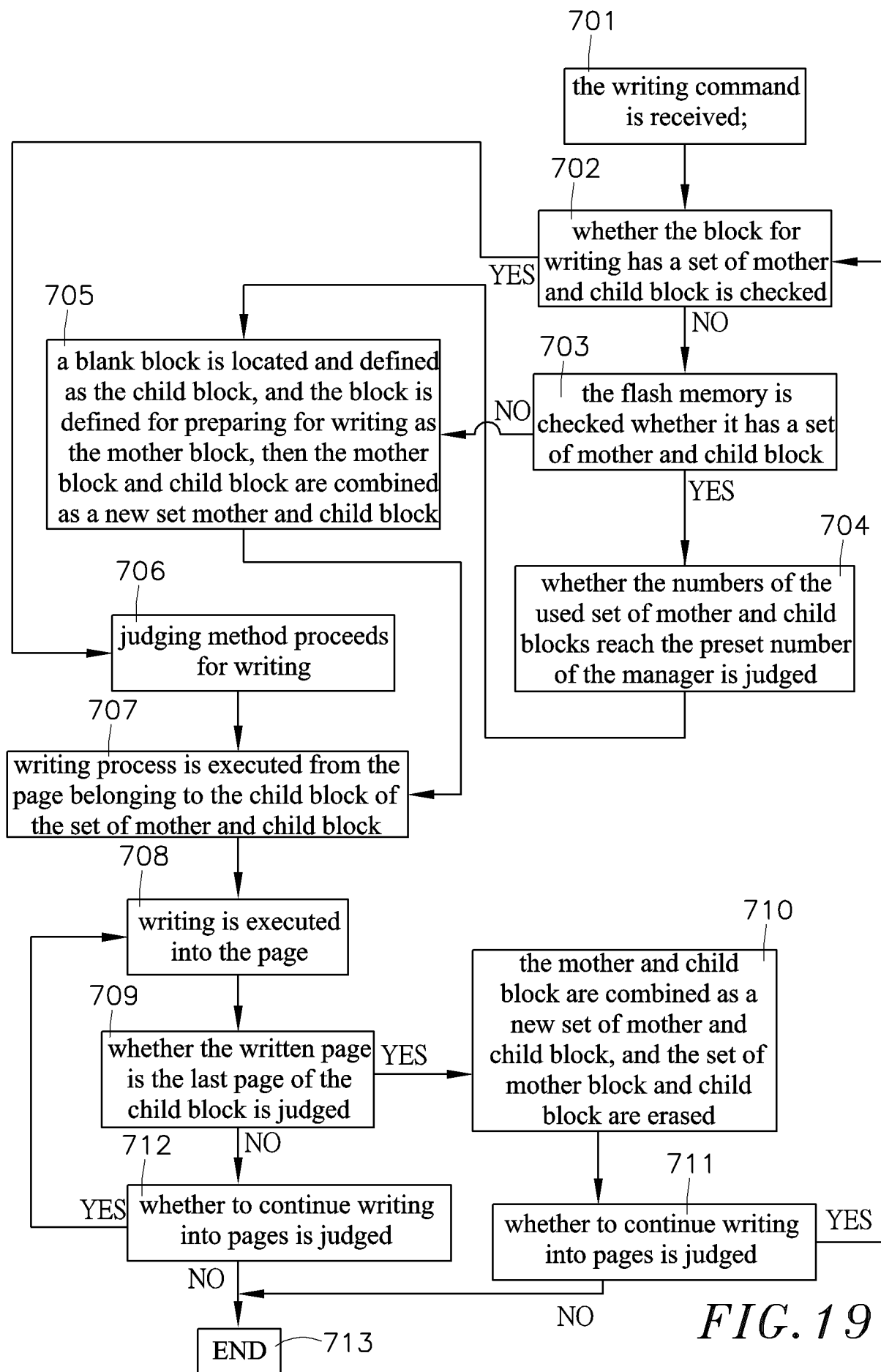


FIG. 19